

IN THE CLAIMS

1. (currently amended) An information transmission method, ~~of performing transmission comprising:~~

acquiring one or more of audio information and/or video information of a performance at a given location;~~in a state where~~

detecting, concurrent with the acquiring of the one or more of audio information and video information, bio-information of at least one individual participator present at the given location;~~a place where the informations are acquired is~~

packetizing multiplexed with respect to the acquired one or more of audio information and/or the video information into a stream of data packets;

multiplexing the stream of data packets with corresponding portions of the detected bio-information by inserting a respective portion of the detected bio-information adjacent to at least one data packet that is concurrent with that portion of the bio-information; and

transmitting the multiplexed stream.

2. (currently amended) The information transmission method as set forth in claim 1, wherein the at least one individual includes participator~~is a speaker, a player, an actor, or an actress, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information~~~~an image.~~

3. (currently amended) The information transmission method as set forth in claim 1, wherein the at least one individual includes participator~~is a listener who is present at the given location~~~~place where the audio information is acquired and/or a viewing person present at the given location~~~~place where the video information is acquired.~~

4. (cancelled)

5. (cancelled)

6. (currently amended) The information transmission method as set forth in claim 14, ~~comprising: partitioning the audio information and/or the video information every wherein the~~ at least one data packet is a plurality of data packets associated with a time period of a predetermined time length; and the multiplexing step includes performing statistical processing of the corresponding portions of the bio-information every plurality of time periods of the predetermined time length to calculate corresponding portions of statistical bio-information; and ~~performing transmission inserting a respective portion of the statistical bio-information adjacent to the plurality of data packets that is concurrent with that portion of the statistical bio-information in synchronism with audio information and/or video information of a plurality of periods of the corresponding time length.~~

7. (currently amended) The information transmission method as set forth in claim 1, wherein the bio-information is selected from the group consisting at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin pressure, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

8. (currently amended) The information transmission method as set forth in claim 1, wherein the detected bio-information is extracted from the one or more of audio information and/or video information, and ~~is caused to undergo transmission along with the audio information and/or the video information.~~

9. (currently amended) An information transmission apparatus, comprising:

information acquiring means for acquiring one or more of audio information and/or video information of a performance at a given location;

bio-information detecting means for detecting, concurrent with the acquiring of the one or more of audio information and video information, bio-information of at participator—least one individual present at the given location~~a place where the informations are acquired;~~ and

transmission means for packetizing the acquired one or more of audio information and video information into a stream of data packets, for multiplexing the stream of data packets with corresponding bio-information by inserting a respective portion of the detected bio-information adjacent to at least one data packet that is concurrent with that portion of the bio-information, and for performing transmittingsssion of—the multiplexed stream~~audio information and/or the video information that have been obtained from the information acquiring means, and the bio-information that has been obtained from the bio-information detecting means.~~

10. (currently amended) The information transmission apparatus as set forth in claim 9, wherein the at least one individual includes participator—is a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information~~an image.~~

11. (currently amended) The information transmission apparatus as set forth in claim 9, wherein the at least one individual includes participator—is a listener who is present at the given location~~place—whenre the audio information is acquired and/or a viewer~~ing person—present at the given location~~place—whenre the video information is acquired.~~

12. (cancelled)

13. (cancelled)

14. (currently amended) The information transmission apparatus as set forth in claim 9~~12~~, wherein the at least one data packet is a plurality of data packets associated with a time period of a predetermined length, and the transmission means serves to partition the audio information and/or the video information every time period of a predetermined time length to performs statistical processing of the corresponding portions of the bio-information at a plurality of time periods of the predetermined time length to calculate corresponding portions of statistical bio-information and to perform transmission inserts a respective portion of the statistical bio-information adjacent to the plurality of data packets that is concurrent with that portion of the statistical bio-information in synchronism with audio information and/or video information of the plurality of time periods of the corresponding predetermined time length.

15. (currently amended) The information transmission apparatus as set forth in claim 9, wherein the bio-information is at least one selected from the group consisting of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

16. (currently amended) The information transmission apparatus as set forth in claim 9, wherein the bio-information detecting means extracts the detected bio-information from the one or more of audio information and/or video information.

17. (currently amended) An information recording method, in which comprising:

acquiring one or more audio information and/or video information; and

detecting, concurrent with the acquiring of the one or more of audio information and video information, bio-information of at least one individual participant present

at the given location; ~~place where the informations are~~
~~acquired are~~

packetizing the acquired one or more of audio
information and video information into a stream of data
packets;

multiplexing the stream of data packets with
corresponding portions of the detected bio-information by
inserting a respective portion of the detected bio-
information adjacent to at least one data packet that is
concurrent with that portion of the bio-information; and

recording the multiplexed stream with respect onto a
predetermined recording medium.

18. (currently amended) The information recording method
as set forth in claim 17, wherein the at least one individual
includes participator is a speaker, a player, an actor, or a
conductor who serves as a source of the audio information,
and/or a performer or a photographed person who is included
within the video information ~~an image~~.

19. (currently amended) The information recording method
as set forth in claim 17, wherein the at least one individual
includes participator is a listener who is present at the given
location ~~place where~~ the audio information is acquired and/or a
viewing person present at the given location ~~place where~~ the
video information is acquired.

20. (cancelled)

21. (cancelled)

22. (currently amended) The information recording method
as set forth in claim 17 ~~20~~, comprising: partitioning the audio
information and/or the video information every wherein the at
least one data packet is a plurality of data packets associated
with a time period of a predetermined time-length; and the
multiplexing step includes performing statistical processing of
the corresponding portions of the bio-information every

~~plurality of time periods of the predetermined time length to calculate corresponding portions of statistical bio-information, and recording inserting a respective portion of the statistical bio-information adjacent to the plurality of data packets that is concurrent with that portion of the statistical bio-information along with audio information and/or video information of the plurality of time periods of the corresponding predetermined time length.~~

23. (currently amended) The information recording method as set forth in claim 17, wherein the bio-information is at ~~least one selected from the group consisting of~~ body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

24. (currently amended) The information recording method as set forth in claim 17, wherein the detected the recording medium is at least one of optical disc, magnetic tape, hard disc and semiconductor memory.

25. (currently amended) The information recording method as set forth in claim 17, wherein the bio-information is extracted from the one or more of audio information and/or video information, ~~and is recorded along with the audio information and/or the video information.~~

26. (currently amended) An information recording apparatus comprising:

information acquiring means for acquiring one or more of audio information and/or video information of a performance at a given location;

bio-information detecting means for detecting, concurrent with the acquiring of the one or more of audio information and video information, bio-information of at ~~participator~~ least one individual present at the given location ~~a place where the informations are acquired; and~~

recording means for packetizing the acquired one or more of audio information and video information into a stream of data packets, for multiplexing the stream of data packets with corresponding bio-information by inserting a respective portion of the detected bio-information adjacent to at least one data packet that is concurrent with that portion of the bio-information, and for recording, with respect—the multiplexed stream onto a predetermined recording medium, the audio information and/or the video information which that have been obtained from the information acquiring means and the bio-information which that has been obtained from the bio-information detecting means.

27. (currently amended) The information recording apparatus as set forth in claim 26, wherein the at least one individual includes particieipator—is a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video informationan image.

28. (currently amended) The information recording apparatus as set forth in claim 26, wherein the at least one individual includes particieipator—is a listener who is present at the given location place—whenre the audio information is acquired and/or a viewering person—present at the given location place—whenre the video information is acquired.

29. (cancelled)

30. (cancelled)

31. (currently amended) The information recording apparatus as set forth in claim ~~26~~29, wherein the at least one data packet is a plurality of data packets associated with a time period of a predetermined length, and the recording means serves to partition the audio information and/or the video information every time period of a predetermined time length to

performs statistical processing of the corresponding portions of the bio-information at a plurality of time periods of the predetermined time length to calculate corresponding portions of statistical bio-information to record and inserts a respective portion of the statistical bio-information adjacent to the plurality of data packets that is concurrent with that portion of the statistical bio-information along with audio information and/or video information at the plurality of time periods of the corresponding predetermined time length.

32. (currently amended) The information recording apparatus as set forth in claim 26, wherein the bio-information is at least one selected from the group consisting of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

33. (currently amended) The information recording apparatus as set forth in claim 26, wherein the recording medium is at least one selected from the group consisting of optical disc, magnetic tape, hard disc, and semiconductor memory.

34. (currently amended) The information recording apparatus as set forth in claim 26, wherein the bio-information detecting means serves to extract the detected bio-information from the one or more of audio information and/or the video information.

35. (currently amended) An information reproducing method, comprising:

decomposing a multiplexed data stream into data packets of one or more of audio information and video information and into corresponding portions of bio-information, the multiplexed data stream having a respective portion of the bio-information disposed adjacent to at least one concurrent data packet, the one or more of audio information and video information being acquired at a

performance at a given location, the bio-information being of at least one individual present at the given location and being detected concurrent with the acquiring of the one or more of audio information and video information;

reproducing the one or more of audio information and/or video information to offer the reproduced information thus obtained for delivery to a user; and

providing, to the user, sense stimulation based on the bio-information of a participator present at a place where concurrent with the delivery of the one or more of the audio information and/or the video information are acquired.

36. (currently amended) The information reproducing method as set forth in claim 35, wherein the multiplexed data stream is audio information and/or the video information, and the bio-information are received through a transmission method.

37. (currently amended) The information reproducing method as set forth in claim 35, wherein the multiplexed data stream is audio information and/or the video information, and the bio-information are read out from a recording medium.

38. (currently amended) The information reproducing method as set forth in claim 35, wherein the participator is at least one individual includes a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information an image.

39. (currently amended) The information reproducing method as set forth in claim 35, wherein the participator is at least one individual includes a listener present at the given location place where the audio information is acquired and/or a viewing person present at the given location place where the video information is acquired.

40. (currently amended) An information reproducing method comprising:

decomposing a multiplexed data stream into data packets of one or more of audio information and video information and into corresponding portions of bio-information, the multiplexed data stream having a respective portion of the bio-information disposed adjacent to at least one concurrent data packet, the one or more of audio information and video information being acquired at a performance at a given location, the bio-information being of at least one individual present at the given location and being detected concurrent with the acquiring of the one or more of audio information and video information; and

controlling, based on the bio-information—of—a particular present at the a place where audio information and/or video information are acquired, reproduction of the one or more of audio information and/or video information to reproduce those information.

41. (currently amended) The information reproducing method as set forth in claim 40, wherein the multiplexed data stream is audio information and/or the video information, and the bio-information are received through a transmission medium.

42. (currently amended) The information reproducing method as set forth in claim 40, wherein the multiplexed data stream is audio information and/or the video information, and the bio-information are read out from a record medium.

43. (currently amended) The information reproducing method as set forth in claim 40, wherein the participator is at least one individual includes a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video informationan image.

44. (currently amended) The information reproducing method as set forth in claim 40, wherein the ~~participator is at least one individual includes~~ a listener present at the given location place ~~where~~ the audio information is acquired and/or a ~~viewing person~~ present at the given location place ~~where~~ the video information is acquired.

45. (currently amended) An information reproducing apparatus comprising:

means for decomposing a multiplexed data stream into data packets one or more of audio information and video information and into corresponding portions of bio-information, the stream of data packets having a respective portion of the bio-information disposed adjacent to at least one concurrent data packet, the one or more of audio information and video information being acquired at a performance at a given location, the bio-information being of at least one individual present at the given location and being detected concurrent with the acquiring of the one or more of audio information and video information;

means for reproducing the one or more of audio information and/or video information to offer the reproduced information thus obtained for delivery to a user; and

means for providinggiving, to the user, sense stimulation based on the bio-information of a participator present at a place where concurrent with the delivery of the one or more of the audio information and/or the video information are acquired.

46. (currently amended) The information reproducing apparatus as set forth in claim 45, further comprising:
~~receiving~~ means for receiving the multiplexed data stream ~~audio information and/or the video information, and the bio-information~~ through a transmission medium.

47. (currently amended) The information reproducing apparatus as set forth in claim 45, further comprising: means for reading out, the multiplexed data stream from a recording medium, the audio information and/or the video information, and the bio-information.

48. (currently amended) The information reproducing apparatus as set forth in claim 45, wherein the ~~participator is~~ at least one individual includes a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information~~an image.~~

49. (currently amended) The information reproducing apparatus as set forth in claim 45, wherein the ~~participator is~~ at least one individual includes a listener present at the given location ~~place where~~ the audio information is acquired and/or a ~~viewing person present at the given location~~ place where the video information is acquired.

50. (currently amended) An information reproducing apparatus, comprising:

means for decomposing a multiplexed data stream into data packets one or more of audio information and video information and into corresponding portions of bio-information, the stream of data packets having a respective portion of the bio-information disposed adjacent to at least one concurrent data packet, the one or more of audio information and video information being acquired at a performance at a given location, the bio-information being of at least one individual present at the given location and being detected concurrent with the acquiring of the one or more of audio information and video information; and reproducing

means for controlling, based on the bio-information,
~~of a particular present at the a place where audio~~

~~information and/or video information are acquired reproduction of the one or more of audio information and/or video information to reproduce these information.~~

51. (currently amended) The information reproducing apparatus as set forth in claim 50, further comprising: receiving means for receiving the multiplexed data stream audio information and/or the video information, and the bio-information through a transmission medium.

52. (currently amended) The information reproducing apparatus as set forth in claim 50, further comprising: means for reading out, the multiplexed data stream from a recording medium, the audio information and/or the video information, and the bio-information.

53. (currently amended) The information reproducing apparatus as set forth in claim 50, wherein the ~~participator is~~ at least one individual includes a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information~~an image.~~

54. (currently amended) The information reproducing apparatus as set forth in claim 50, wherein the ~~participator is~~ at least one individual includes a listener present at the given location ~~place where~~ the audio information is acquired and/or a viewing person present at the given location ~~place where~~ the video information is acquired.

55. (currently amended) A recording medium ~~in which having~~ recorded therein a multiplexed data stream comprised of data packets of one or more of audio information and/or video information, and comprised of corresponding portions of bio-information, of a participator the multiplexed data stream having a respective portion of the bio-information disposed adjacent to at least one concurrent data packet, the one or more of audio information and video information being acquired at a

performance at a given location, the bio-information being of at least one individual present at a place where the informations are the given location and being detected concurrent with the acquiring of the one or more of audio information and video information are recorded.

56. (currently amended) The recording medium as set forth in claim 55, wherein the ~~participator is~~ at least one individual includes a speaker, a player, an actor, or a conductor who serves as a source of the audio information, and/or a performer or a photographed person who is included within the video information ~~an image.~~

57. (currently amended) The recording medium as set forth in claim 55, wherein the ~~participator is~~ at least one individual includes a listener present at the given location ~~place where~~ the audio information is acquired and/or a ~~viewing person~~ viewer present at the given location ~~place where~~ the video information is acquired.

58. (cancelled)

59. (currently amended) The recording medium as set forth in claim 55, wherein the bio-information is selected from the group consisting at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.